		Aeronautics Educat	
		1997 Mathema	
<u> </u>		Content Standa	ards
California Mathematic	S		
Grade 2	State	Standards	
Activity/Lesson	State	Standards	Measure the length of objects by iterating
Air Engines (12-16)	CA	MA.2.MG.1.1	(repeating) a nonstandard or standard unit.
All Eliginos (12-10)	O/A	IVIA.Z.IVIO.T.T	Measure the length of an object to the nearest
Air Engines (12-16)	CA	MA.2.MG.1.3	inch and/or centimeter.
7 til 211gil100 (12 10)	0, (inen anarer continuetor.
Flight: Interdisciplinary			
Learning Activities (76-			Determine the duration of intervals of time in
79)	CA	MA.2.MG.1.5	hours (e.g., 11:00 a.m. to 4:00 p.m.).
Plan to Fly There (97-			Determine the duration of intervals of time in
106)	CA	MA.2.MG.1.5	hours (e.g., 11:00 a.m. to 4:00 p.m.).
We Can Fly, You and			
I: Interdisciplinary			Determine the duration of intervals of time in
Learning (107-108)	CA	MA.2.MG.1.5	hours (e.g., 11:00 a.m. to 4:00 p.m.).
Dunked Napkin (17-			Ask and answer simple questions related to data
22)	CA	MA.2.SDAP.1.4	representations.
Paper Bag Mask (23-			Measure the length of objects by iterating
28)	CA	MA.2.MG.1.1	(repeating) a nonstandard or standard unit.
Paper Bag Mask (23-		NAA O NAO 4 O	Measure the length of an object to the nearest
28)	CA	MA.2.MG.1.3	inch and/or centimeter.
Wind in Your Socks) (29-35)	CA	MA.2.MG.1.1	Measure the length of objects by iterating (repeating) a nonstandard or standard unit.
Wind in Your Socks)	CA	IVIA.Z.IVIG. 1. 1	Measure the length of an object to the nearest
(29-35)	CA	MA.2.MG.1.3	inch and/or centimeter.
Wind in Your Socks)	O/A	IVIA.Z.IVIO. 1.3	Defend the reasoning used and justify the
(29-35)	CA	MA.2.MR.2.1	procedures selected.
(20 00)	0, (Determine the approach, materials, and
Right Flight (52-59)	CA	MA.2.MR.1.1	strategies to be used.
Delta Wing Glider (60-			Determine the approach, materials, and
68)	CA	MA.2.MR.1.1	strategies to be used.
		Aeronautics Educat	
		1997 Mathema	
		Content Standa	ards
California Mathematic	S		
Grade 3	0.1		
Activity/Lesson	State	Standards	
			Choose the appropriate tools and units (metric
			and U.S.) and estimate and measure the length,
Air Engines (12-16)	CA	MA.3.MG.1.1	liquid volume, and weight/mass of given objects.
<u> </u>			Use a variety of methods, such as words,
			numbers, symbols, charts, graphs, tables,
			diagrams, and models, to explain mathematical
Air Engines (12-16)	CA	MA.3.MR.2.3	reasoning.

	I		
			Summarize and display the results of probability experiments in a clear and organized way (e.g.,
Rotor Motor (69-75)	CA	MA.3.SDAP.1.3	use a bar graph or a line plot).
Flight: Interdisciplinary			
Learning Activities (76-			Count, read, and write whole numbers to
79)	CA	MA.3.NS.1.1	10,000.
Flight: Interdisciplinary			Summarize and display the results of probability
Learning Activities (76-			experiments in a clear and organized way (e.g.,
79)	CA	MA.3.SDAP.1.3	use a bar graph or a line plot).
10)		W/A.O.OD/AL.1.0	Use the results of probability experiments to
			predict future events (e.g., use a line plot to
Dunked Napkin (17-			predict the temperature forecast for the next
22)	CA	MA.3.SDAP.1.4	day).
			Choose the appropriate tools and units (metric
Wind in Your Socks)			and U.S.) and estimate and measure the length,
(29-35)	CA	MA.3.MG.1.1	liquid volume, and weight/mass of given objects.
			Compressive and display the records of probability
Wind in Your Socks)			Summarize and display the results of probability experiments in a clear and organized way (e.g.,
(29-35)	CA	MA.3.SDAP.1.3	use a bar graph or a line plot).
(29-33)		WA.3.3DAL.1.3	Analyze problems by identifying relationships,
			distinguishing relevant from irrelevant
Wind in Your Socks)			information, sequencing and prioritizing
(29-35)	CA	MA.3.MR.1.1	information, and observing patterns.
			Use a variety of methods, such as words,
			numbers, symbols, charts, graphs, tables,
Wind in Your Socks)			diagrams, and models, to explain mathematical
(29-35)	CA	MA.3.MR.2.3	reasoning.
		Aeronautics Educat	or Cuido
		1997 Mathemat	
		Content Standa	
California Mathematic	cs		
Grade 4			
Activity/Lesson	State	Standards	
			Use a variety of methods, such as words,
			numbers, symbols, charts, graphs, tables,
Ain Engines (40,40)		NAA A NAD O C	diagrams, and models, to explain mathematical
Air Engines (12-16)	CA	MA.4.MR.2.3	reasoning.
			Formulate survey questions; systematically collect and represent data on a number line; and
Rotor Motor (69-75)	CA	MA.4.SDAP.1.1	coordinate graphs, tables, and charts.
Where is North? The		IVIA.T.ODAL.I.I	Formulate survey questions; systematically
Compass Can Tell Us			collect and represent data on a number line; and
(87-90)	CA	MA.4.SDAP.1.1	coordinate graphs, tables, and charts.
(00)	1 •	1	and distributed graphic, tables, and silver

Let's Build a Table Top Airport (91-96)	CA	MA.4.MG.3.6	Visualize, describe, and make models of geometric solids (e.g., prisms, pyramids) in terms of the number and shape of faces, edges, and vertices; interpret two-dimensional representations of three-dimensional objects; and draw patterns (of faces) for a solid that, when cut and folded, will make a model of the solid.
Dunked Napkin (17-			Interpret one- and two-variable data graphs to
22)	CA	MA.4.SDAP.1.3	answer questions about a situation.
			Analyze problems by identifying relationships,
			distinguishing relevant from irrelevant
Wind in Your Socks)			information, sequencing and prioritizing
(29-35)	CA	MA.4.MR.1.1	information, and observing patterns.
			Use a variety of methods, such as words,
			numbers, symbols, charts, graphs, tables,
Wind in Your Socks)			diagrams, and models, to explain mathematical
(29-35)	CA	MA.4.MR.2.3	reasoning.